

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138579.D
 Acq On : 19 Jul 2024 09:48
 Operator : RC/JU
 Sample : PB162114BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162114BL

Quant Time: Jul 19 11:31:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

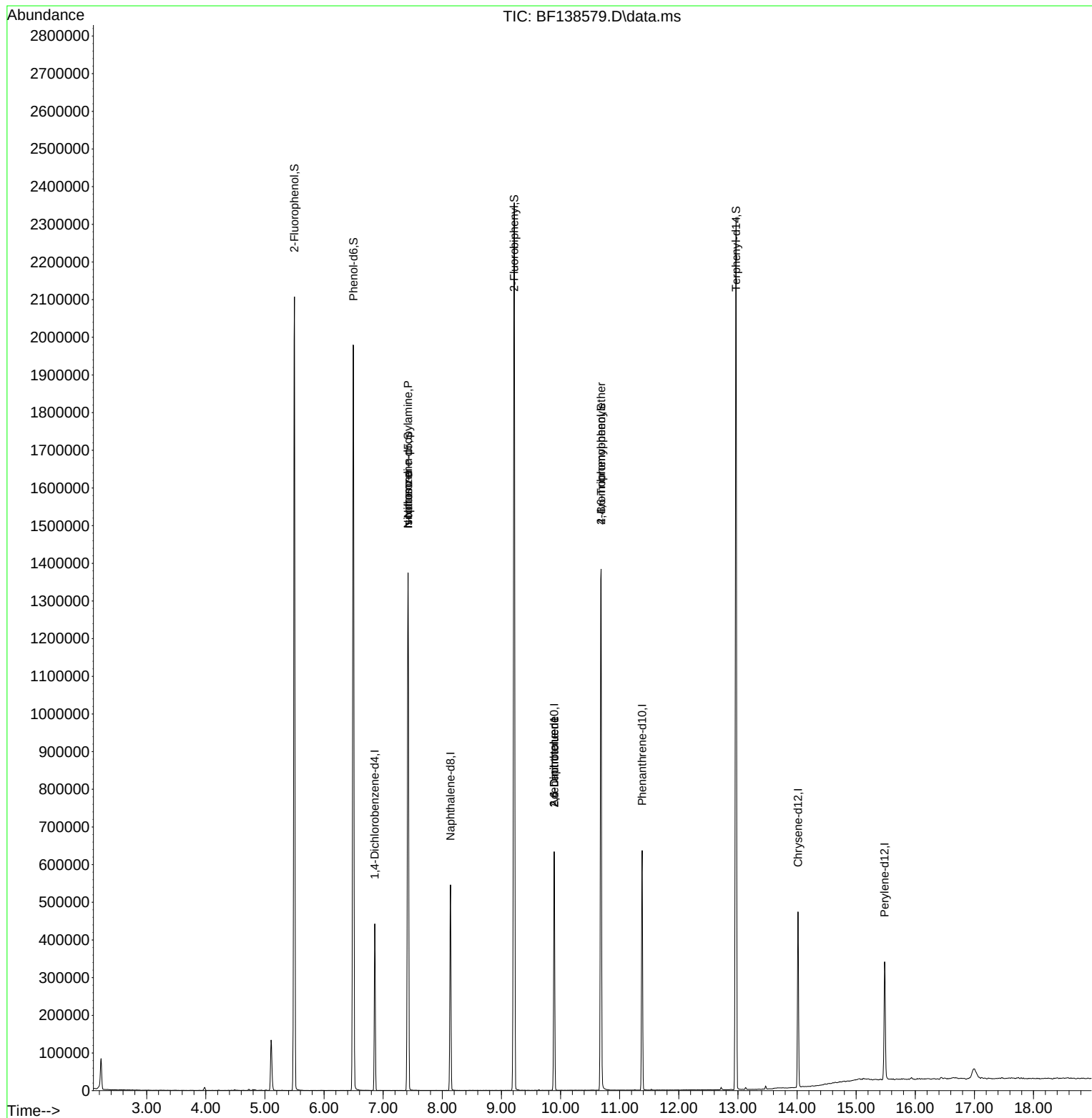
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	82982	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	336221	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	182833	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	324355	20.000	ng	0.00
76) Chrysene-d12	14.016	240	209433	20.000	ng	-0.01
86) Perylene-d12	15.480	264	178011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	736057	140.480	ng	0.00
7) Phenol-d6	6.498	99	983817	141.147	ng	0.00
23) Nitrobenzene-d5	7.422	82	653409	95.416	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	226040	132.283	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1070467	91.506	ng	-0.01
79) Terphenyl-d14	12.969	244	1155932	89.917	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	87304	20.271	ng	# 73
25) Isophorone	7.422	82	650834	55.342	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	23557	8.654	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	23557	6.689	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	14638	4.391	ng	# 1

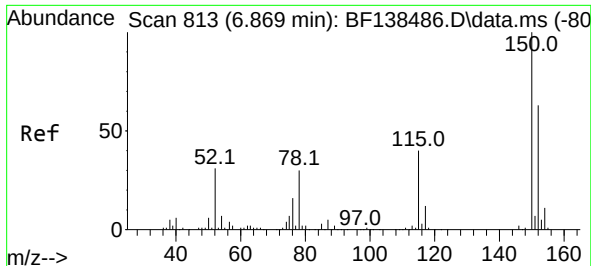
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
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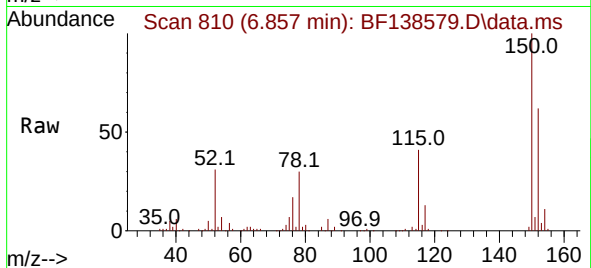
Quant Time: Jul 19 11:31:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
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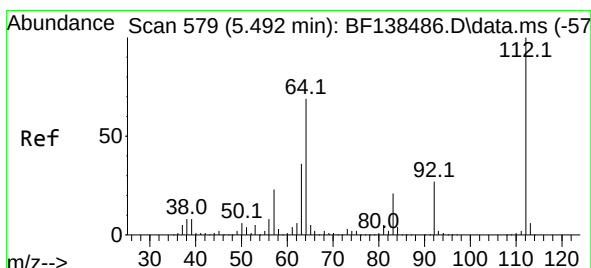
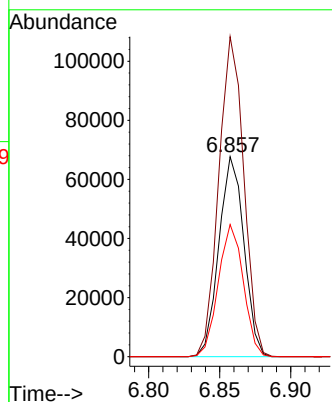
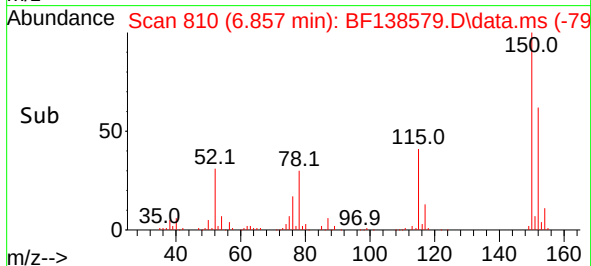


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138579.D
Acq: 19 Jul 2024 09:48

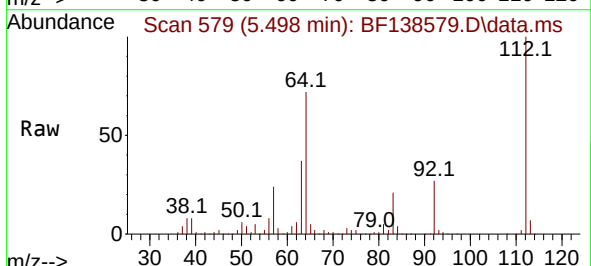
Instrument :
BNA_F
ClientSampleId :
PB162114BL



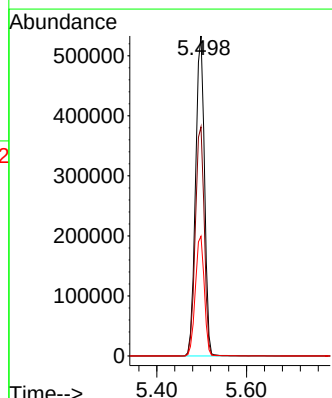
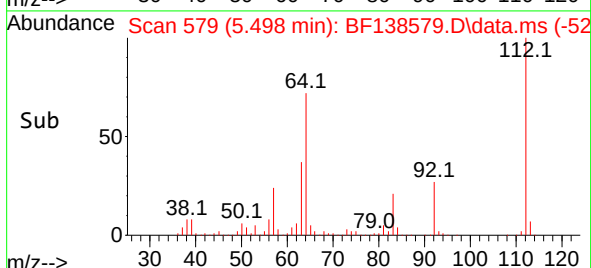
Tgt Ion:152 Resp: 82982
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.4
115 66.1 50.3 75.5

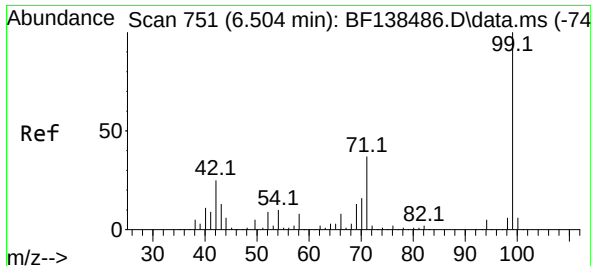


#5
2-Fluorophenol
Concen: 140.480 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138579.D
Acq: 19 Jul 2024 09:48



Tgt Ion:112 Resp: 736057
Ion Ratio Lower Upper
112 100
64 71.6 55.1 82.7
63 37.4 29.0 43.6

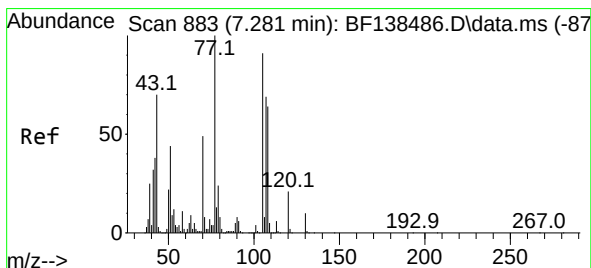
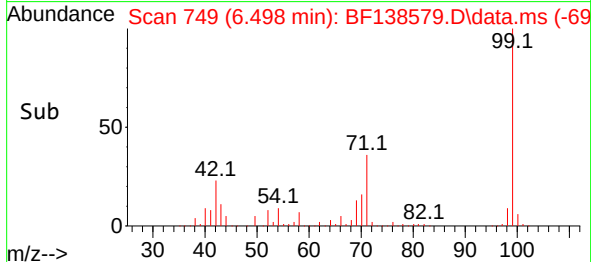
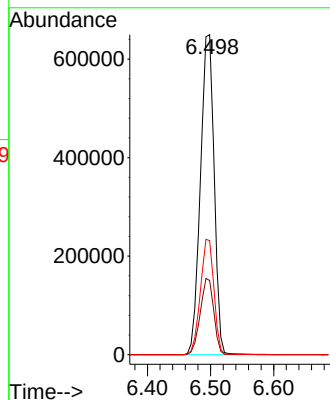
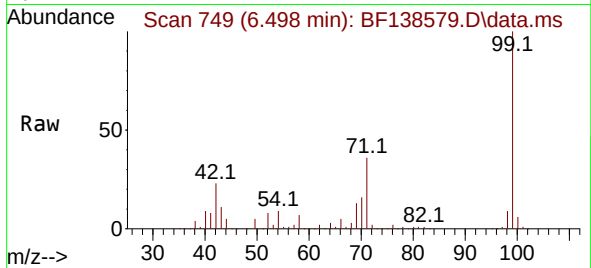




#7
Phenol-d6
Concen: 141.147 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138579.D
Acq: 19 Jul 2024 09:48

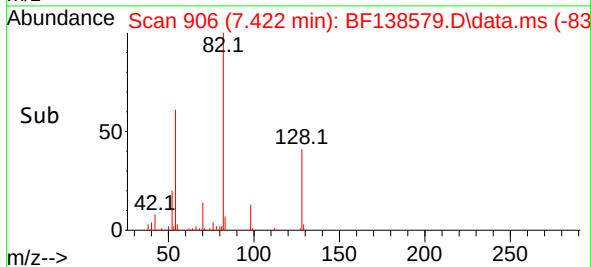
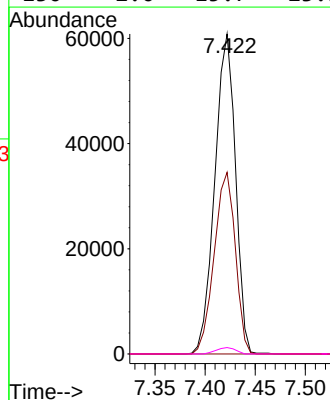
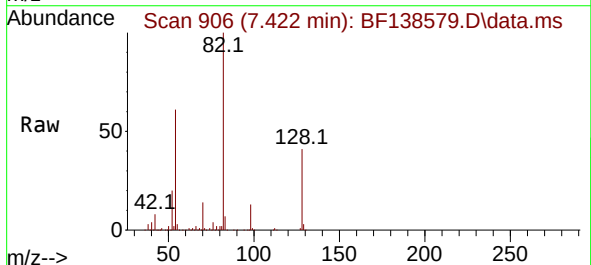
Instrument :
BNA_F
ClientSampleId :
PB162114BL

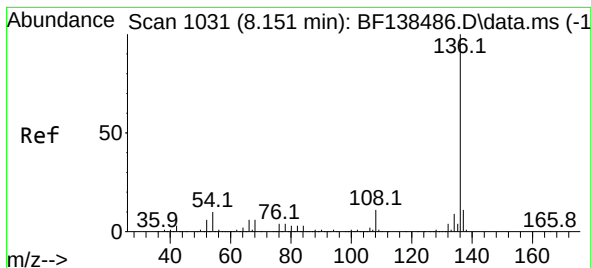
Tgt Ion: 99 Resp: 983817
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 35.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.271 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138579.D
Acq: 19 Jul 2024 09:48

Tgt Ion: 70 Resp: 87304
Ion Ratio Lower Upper
70 100
42 56.8 62.4 93.6#
101 0.0 7.2 10.8#
130 2.0 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB162114BL

Tgt Ion:136 Resp: 336221

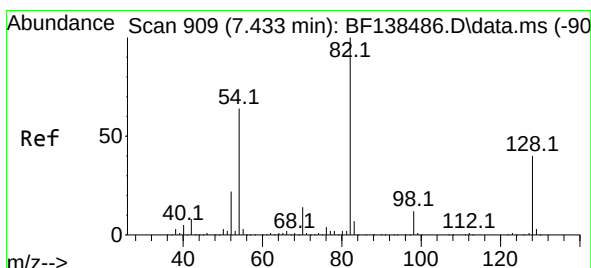
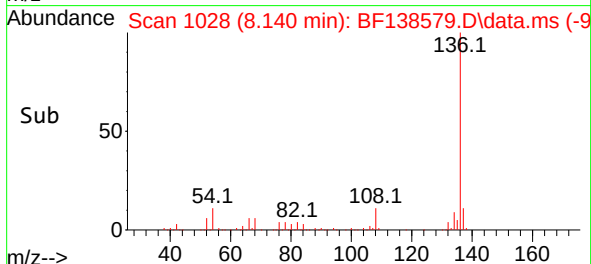
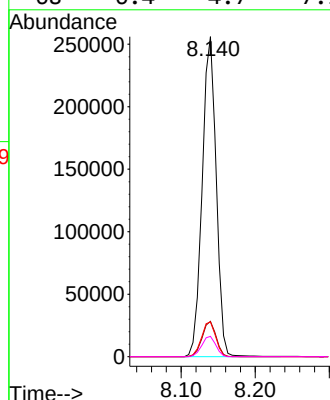
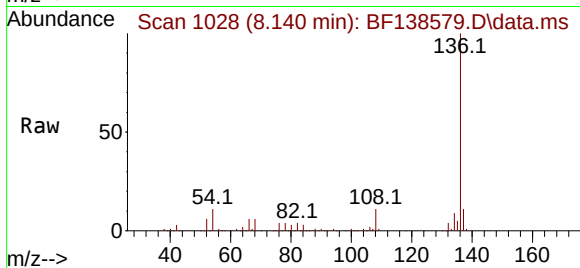
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.9 8.1 12.1

68 6.4 4.7 7.1



#23

Nitrobenzene-d5

Concen: 95.416 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

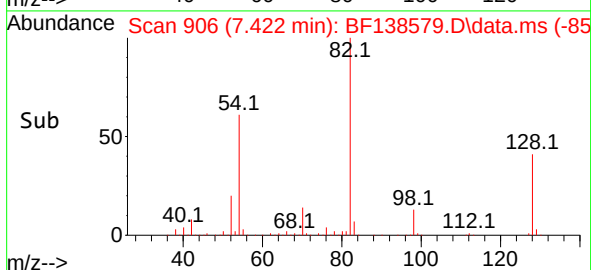
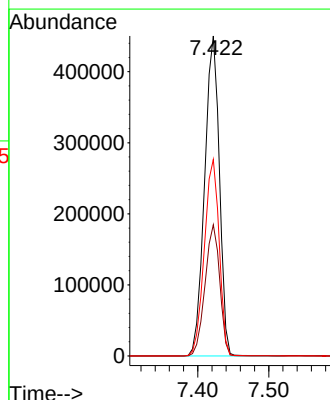
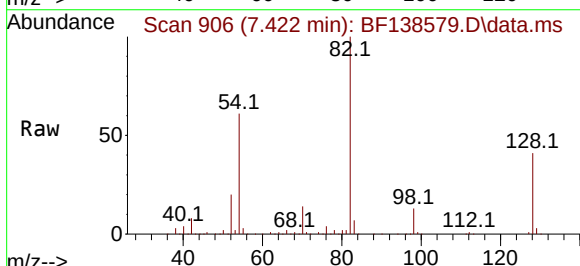
Tgt Ion: 82 Resp: 653409

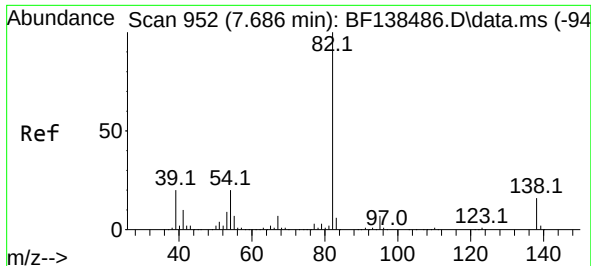
Ion Ratio Lower Upper

82 100

128 41.0 32.3 48.5

54 61.4 51.4 77.0

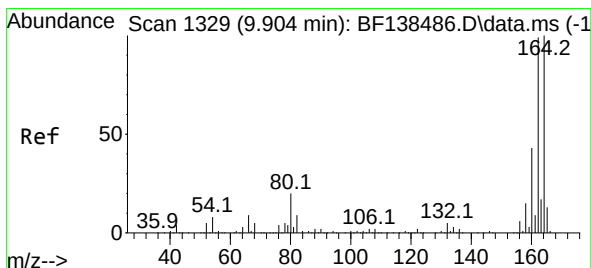
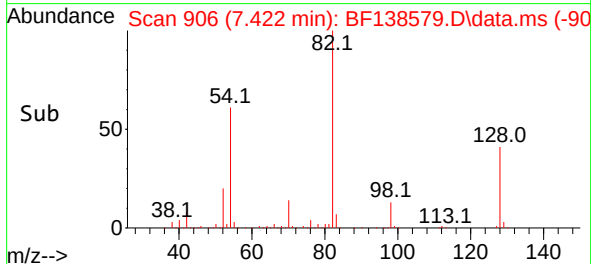
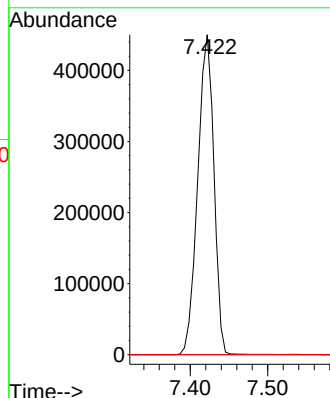
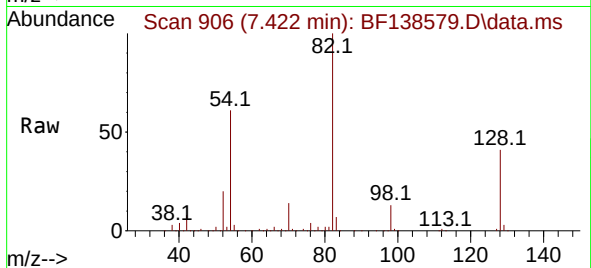




#25
Isophorone
Concen: 55.342 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF138579.D
Acq: 19 Jul 2024 09:48

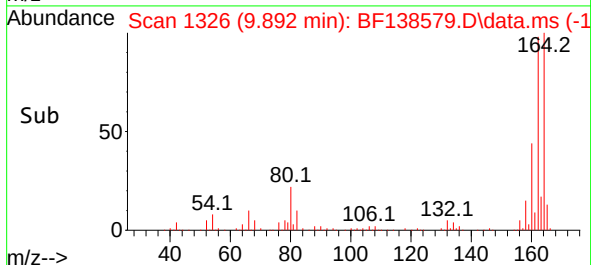
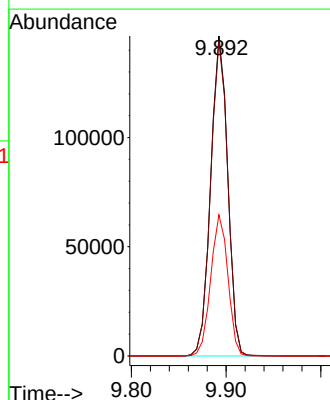
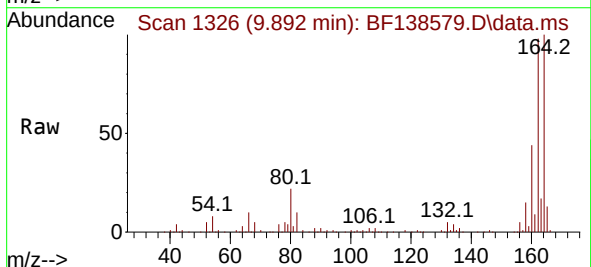
Instrument :
BNA_F
ClientSampleId :
PB162114BL

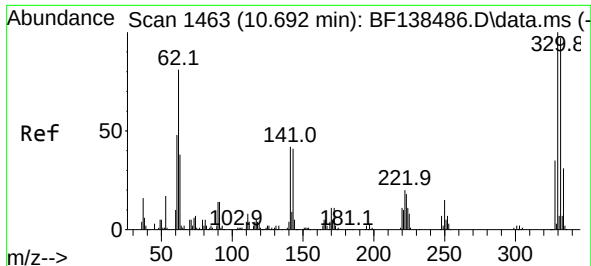
Tgt Ion: 82 Resp: 650834
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138579.D
Acq: 19 Jul 2024 09:48

Tgt Ion:164 Resp: 182833
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 132.283 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138579.D

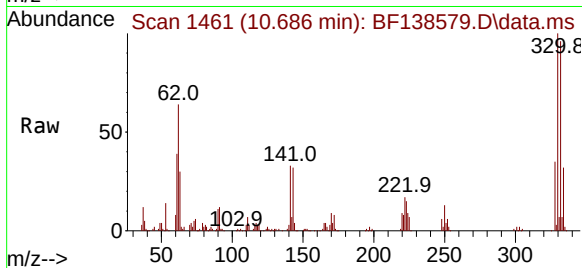
Acq: 19 Jul 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB162114BL



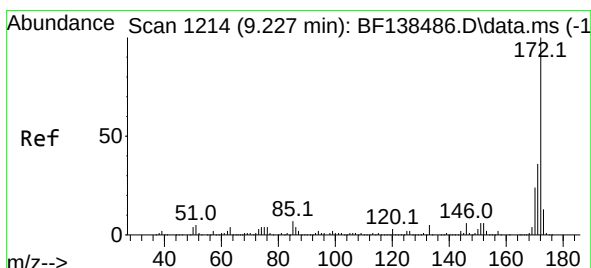
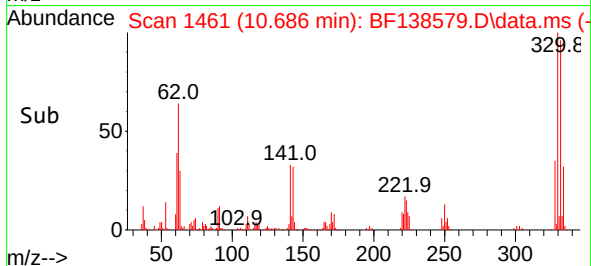
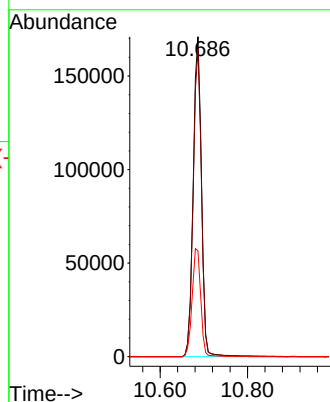
Tgt Ion:330 Resp: 226040

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 35.0 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 91.506 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

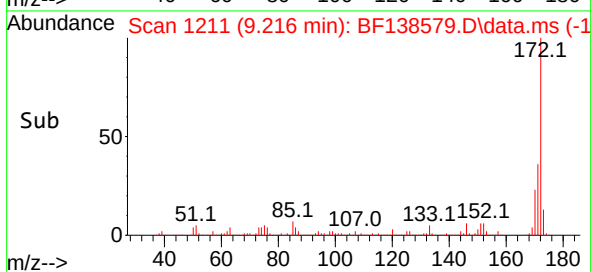
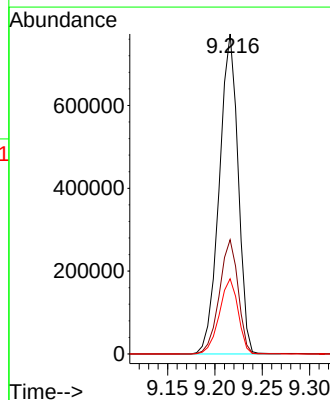
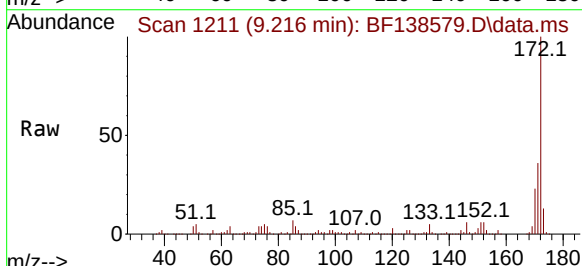
Tgt Ion:172 Resp: 1070467

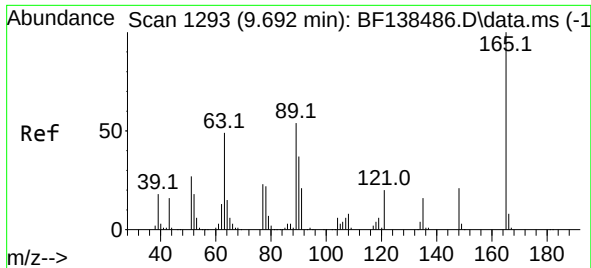
Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.5 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.654 ng

RT: 9.892 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB162114BL

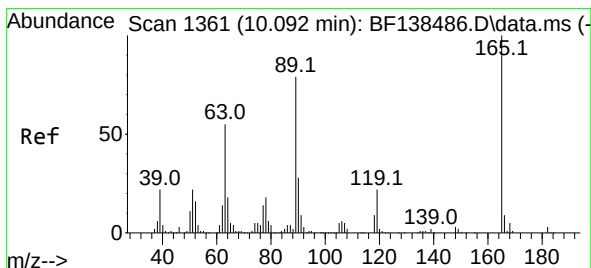
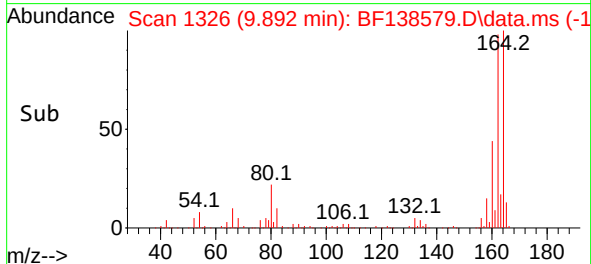
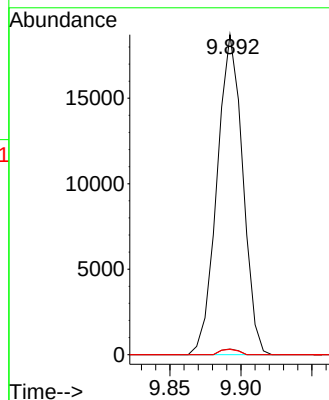
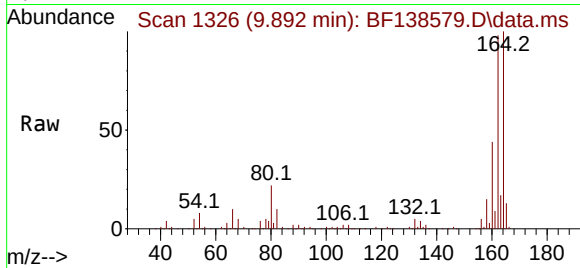
Tgt Ion:165 Resp: 23557

Ion Ratio Lower Upper

165 100

63 1.8 48.1 72.1#

89 1.6 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.689 ng

RT: 9.892 min Scan# 1326

Delta R.T. -0.200 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

Tgt Ion:165 Resp: 23557

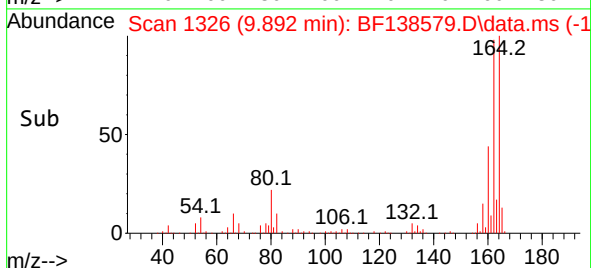
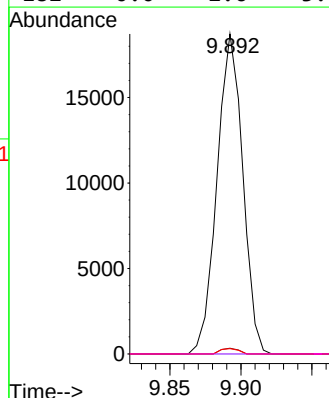
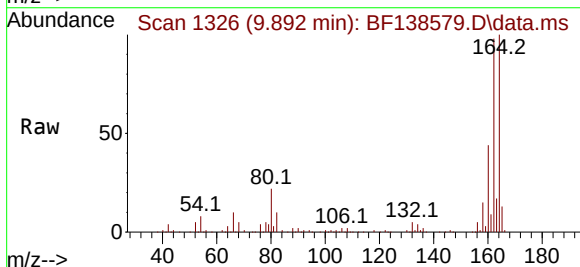
Ion Ratio Lower Upper

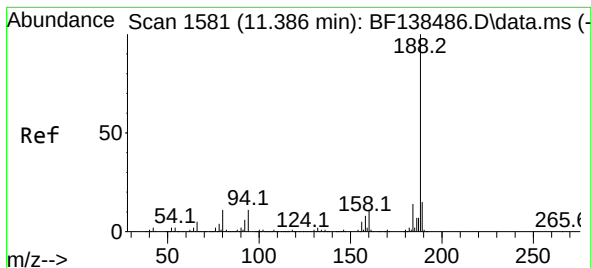
165 100

63 1.8 44.6 66.8#

89 1.6 63.4 95.2#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

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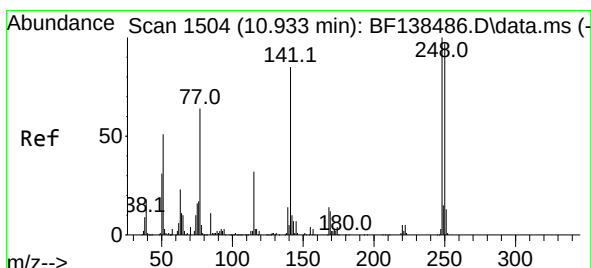
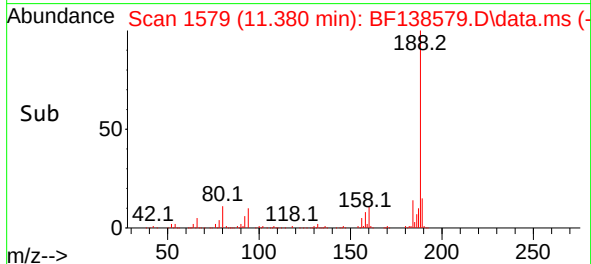
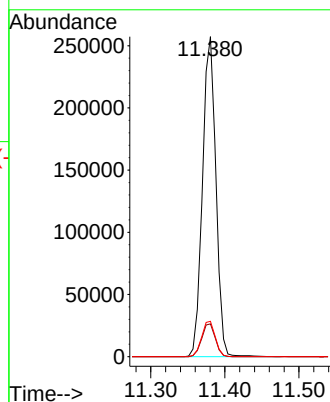
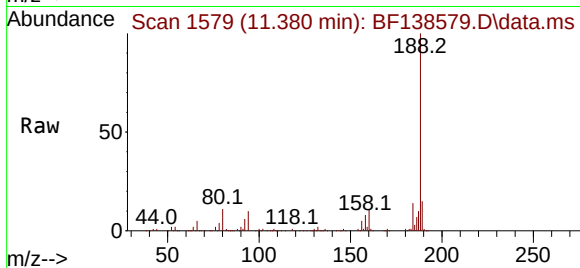
Tgt Ion:188 Resp: 324355

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.391 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

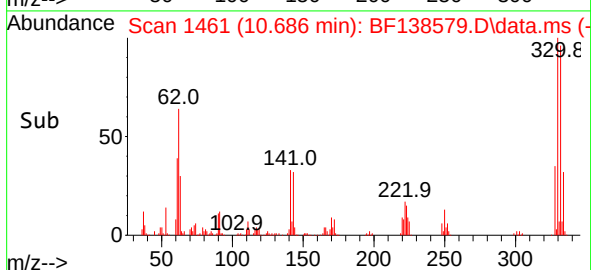
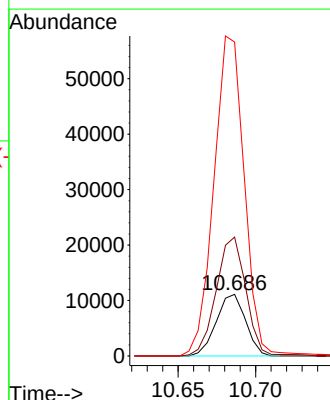
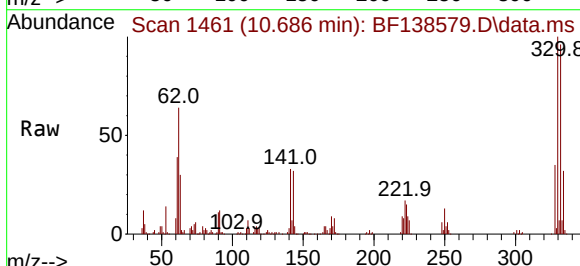
Tgt Ion:248 Resp: 14638

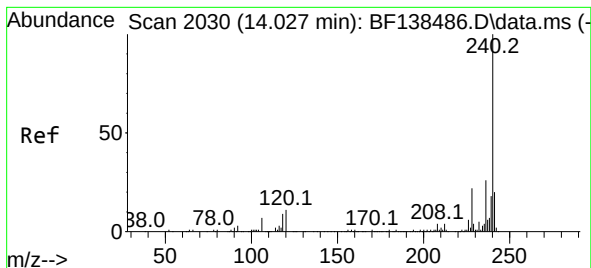
Ion Ratio Lower Upper

248 100

250 192.9 77.9 116.9#

141 509.7 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB162114BL

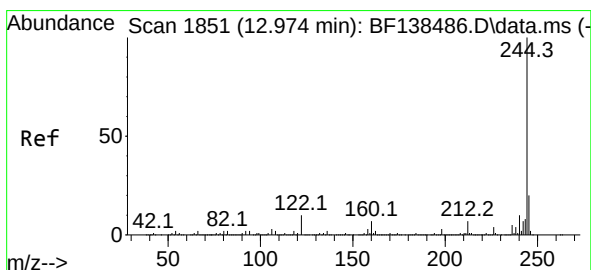
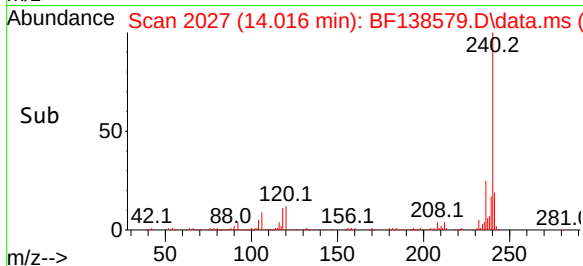
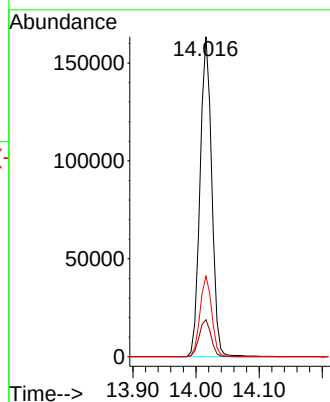
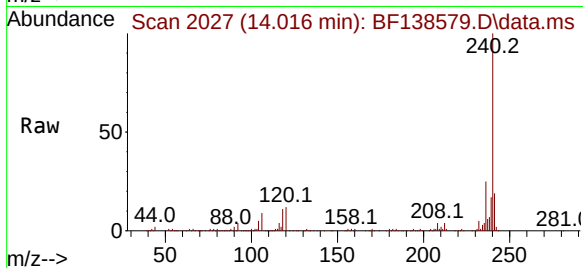
Tgt Ion:240 Resp: 209433

Ion Ratio Lower Upper

240 100

120 11.6 8.6 12.8

236 25.2 21.0 31.6



#79

Terphenyl-d14

Concen: 89.917 ng

RT: 12.969 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF138579.D

Acq: 19 Jul 2024 09:48

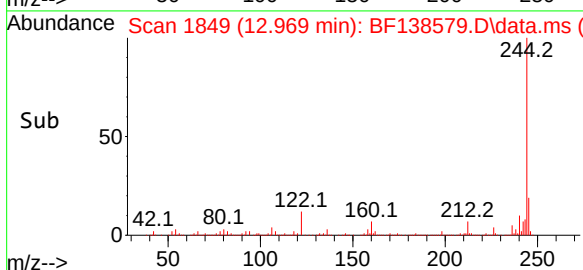
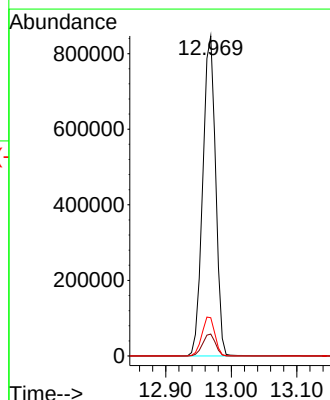
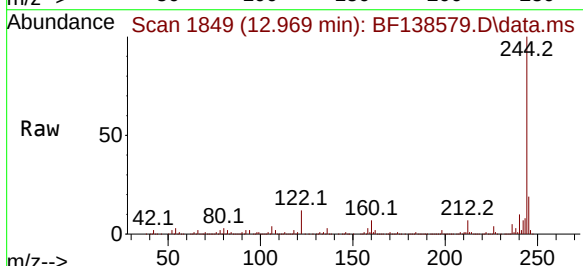
Tgt Ion:244 Resp: 1155932

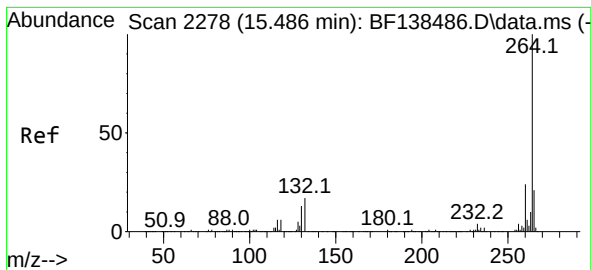
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 11.9 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138579.D

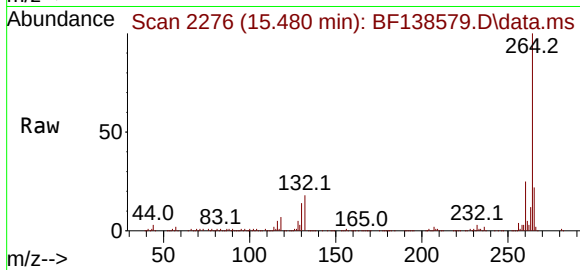
Acq: 19 Jul 2024 09:48

Instrument :

BNA_F

ClientSampleId :

PB162114BL



Tgt Ion:264 Resp: 178011

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 21.7 17.0 25.4

